



# The Kentucky Tech Curriculum

Office of Career and Technical Education

Equal Education Opportunities M/F/D

## MASTER COURSE LIST

Effective: 12/28/2012

### Computer Aided Drafting

HS PSD/LEAD Code	High School Title/KCTCS Course No./Title		HS Credit	% Lecture	% Lab	% Experience
470924	<b>ADVANCED DIMENSIONING AND MEASUREMENT</b>		1	40%	60%	0%
	CAD 240	Advanced Dimensioning and Measurement				
480116	<b>ARCHITECTURAL DESIGN</b>		1	40%	60%	0%
	CAD 220	Architectural Design				
480115	<b>ARCHITECTURAL DRAFTING</b>		1	40%	60%	0%
	CAD 120	Introduction to Architecture				
480110	<b>CAD I</b>		1	30%	70%	0%
	CAD 100	Introduction to Computer Aided Drafting				
480112	<b>CAD II</b>		1	30%	70%	0%
	CAD 200	Intermediate Computer Aided Drafting				
110110	<b>COMPUTER LITERACY</b>		1	40%	50%	0%
	CIT 105	Introduction to Computing				
480119	<b>CONSTRUCTION DRAFTING</b>		1	40%	60%	0%
	CAD 230	Construction Drafting (Techniques)				
480111	<b>Drafting Fundamentals</b>		1	50%	50%	0%
	CAD 102	Drafting Fundamentals				
480113	<b>ENGINEERING GRAPHICS</b>		1	40%	60%	0%
	CAD	Engineering Graphics				

	112					
<b>480111</b>	<b>FUNDAMENTAL DRAFTING</b>		<b>1</b>	<b>50%</b>	<b>50%</b>	<b>0%</b>
	CAD 102	Drafting Fundamentals				
<b>110315</b>	<b>GIS SOFTWARE</b>		<b>1</b>	<b>40%</b>	<b>60%</b>	<b>0%</b>
	CIT 225	GIS Tools				
<b>480127</b>	<b>INDUSTRIAL DRAFTING</b>		<b>1</b>	<b>50%</b>	<b>50%</b>	<b>0%</b>
	CAD 212	Industrial Drafting Processes				
<b>480133</b>	<b>INTRO TO GIS</b>		<b>1</b>	<b>50%</b>	<b>50%</b>	<b>0%</b>
	CIT 125	Introduction to GIS				
<b>110211</b>	<b>INTRO TO DATABASE DESIGN</b>		<b>1</b>	<b>50%</b>	<b>50%</b>	<b>0%</b>
	CIT 170	Database Design Fundamentals				
<b>480110</b>	<b>Introduction to CAD</b>		<b>1</b>	<b>30%</b>	<b>70%</b>	<b>0%</b>
	CAD 100	Introduction to Computer Aided Drafting				
<b>480104</b>	<b>INTRODUCTION TO SURVEYING</b>		<b>1</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>
	CAD 108	Introduction to Surveying				
<b>480135</b>	<b>MECHANICAL DESIGN</b>		<b>1</b>	<b>40%</b>	<b>60%</b>	<b>0%</b>
	CAD 222	Mechanical Design				
<b>480136</b>	<b>PARAMETRIC MODELING</b>		<b>1</b>	<b>40%</b>	<b>60%</b>	<b>0%</b>
	CAD 201	Parametric Modeling				
<b>480142</b>	<b>* CO-OP I (CAD)</b>		<b>1</b>	<b>0%</b>	<b>0%</b>	<b>100%</b>
	CAD 199	Cooperative Education I				
<b>480143</b>	<b>* CO-OP II (CAD)</b>		<b>2</b>	<b>0%</b>	<b>0%</b>	<b>100%</b>
	CAD 299	Cooperative Education II				
<b>480144</b>	<b>* CO-OP III (CAD)</b>		<b>3</b>	<b>0%</b>	<b>0%</b>	<b>100%</b>
	CAD	Cooperative Education I				

	199					
	CAD 299	Cooperative Education II				
<b>480712</b>	<b>* COMPUTER FUNDAMENTALS</b>		<b>.5</b>	<b>40%</b>	<b>60%</b>	<b>0%</b>
	CPU 150	Computer Fundamentals				
<b>460301</b>	<b>* INDUSTRIAL SAFETY</b>		<b>.5</b>	<b>100%</b>	<b>0%</b>	<b>0%</b>
	ISX 100	Industrial Safety				
<b>480104</b>	<b>* INTRODUCTION TO SURVEYING</b>		<b>1</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>
	CAD 108	Introduction to Surveying				
<b>110204</b>	<b>* IT COMPUTER APPLICATIONS</b>		<b>1</b>	<b>50%</b>	<b>50%</b>	<b>0%</b>
	CIT 130	Productivity Software				
<b>060170</b>	<b>* PERSONAL FINANCIAL MGMT</b>		<b>.5</b>	<b>100%</b>	<b>0%</b>	<b>0%</b>
	BAS 120	Personal Finance				
<b>480145</b>	<b>* PRACTICUM I (CAD)</b>		<b>1</b>	<b>0%</b>	<b>0%</b>	<b>100%</b>
	CAD 198	Practicum I				
<b>480146</b>	<b>* PRACTICUM II (CAD)</b>		<b>2</b>	<b>0%</b>	<b>0%</b>	<b>100%</b>
	CAD 298	Practicum II				
<b>480147</b>	<b>* PRACTICUM III (CAD)</b>		<b>3</b>	<b>0%</b>	<b>0%</b>	<b>100%</b>
	CAD 198	Practicum I				
	CAD 298	Practicum II				
<b>480179</b>	<b>* SPECIAL PROBLEMS (CAD)</b>		<b>1</b>	<b>20%</b>	<b>80%</b>	<b>0%</b>
	CAD 293	Special Problems (CAD)				
<b>060191</b>	<b>* WORKPLACE PRINCIPLES</b>		<b>.5</b>	<b>100%</b>	<b>0%</b>	<b>0%</b>
	WPP 200	Workplace Principles				

\* - Before Course Title: Elective Course (See Notes Section)

\* - After Course Title: Secondary Course; does not transfer to KCTCS

## NOTES

### CO-OP:

A student may repeat co-op or practicum for more than one credit, to the maximum number of credits allowed by the high school.

### ELECTIVES:

The courses listed as electives are **not** part of certificate requirements. Elective courses may be an addition to any certificate but **not** a replacement or substitute for any required course.

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